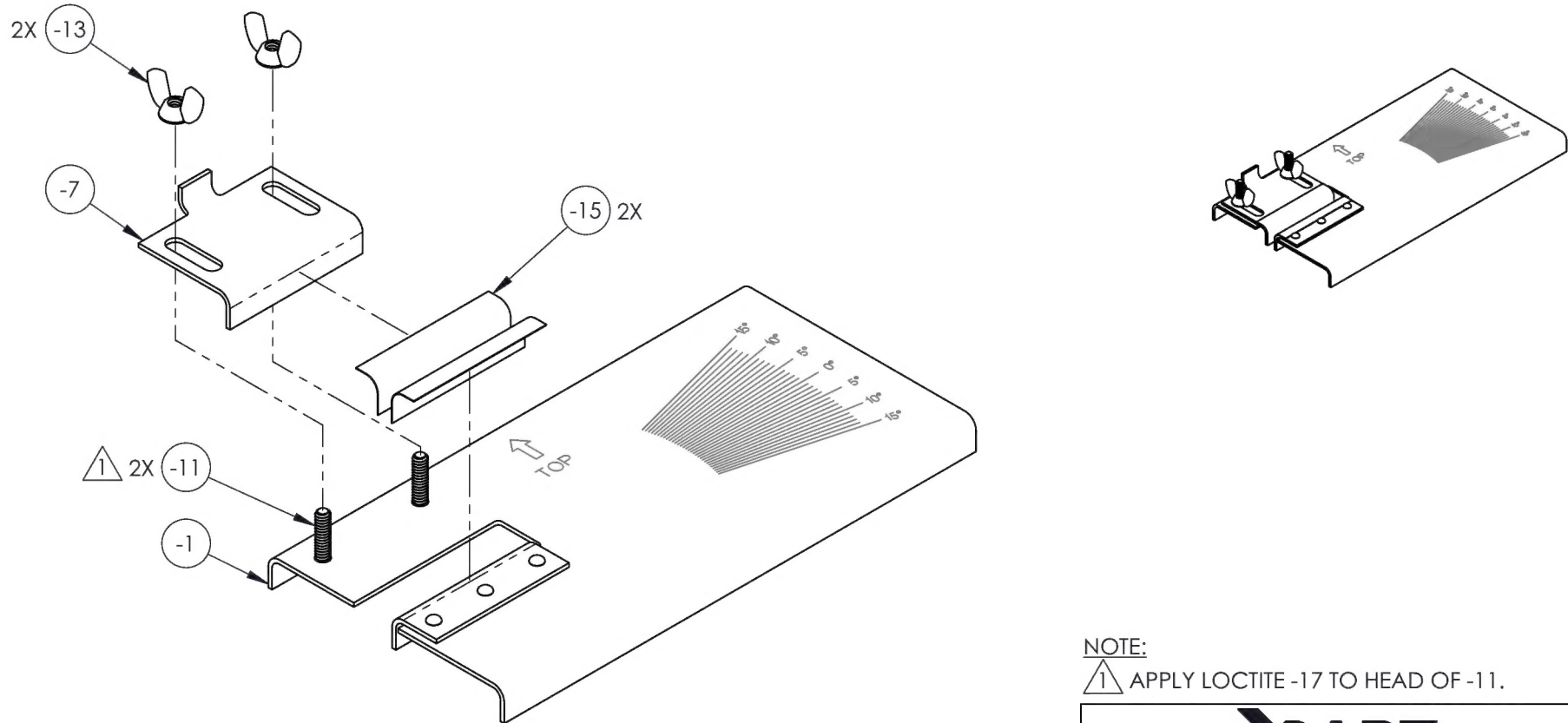


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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	17-0067	UPDATED TO NEW DRAFTING STANDARD. -1 ADDED ASSY PART & DWG. -3 CH'D DIM WAS (.063) IS .06. ADDED 2 SLOTS AND DIM'S 2X .40, 2X 1.65, 2X .25, 4X FULL R, 2X .41, 2X .62. ADDED FLAT PATTERN FOR REFERENCE. -5 CH'D DIM WAS (.063) IS .06. ADDED FINISH NOTE SEE -2. ADDED FLAT PATTERN FOR REFERENCE. -7 CH'D DIM'S WAS 2X .20 IS 2X.33, WAS 2X .870 IS 2X .62. WAS (.063) IS .06. WAS .875 IS .88. ADDED DIM'S 2X .25, 4X FULL R. ADDED FINISH CLEAR ANODIZE MIL-A-8625F, TYPE II, CLASS I. ADDED FLAT PATTERN FOR REFERENCE. -15 CH'D B/O INFO WAS .010 X 6in. (MCMASTER-CARR #8569K18 IS 1 X 2-1/4 (PORT PLASTICS #6093-10) MODIFIED. ADDED -9, -11, -13, -15, -17 TO BOM.	4/13/2017	RJC	JAG



NOTE:

1 APPLY LOCTITE -17 TO HEAD OF -11.

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.	TITLE		
	X		-1	1	FRAME ASSEMBLY			2	BENDING GAGE - TRIM TAB M/R BLADE		
	1		-3		FRAME	5052		3	DWG NO. RB T101598		
	1		-5		ANGLE	5052		4	REV 2		
			-7	1	SLIDING ANGLE	5052		5	MAT'L		
	3	B/O	-9		LOW PROFILE RIVET	ALUMINUM	Ø3/32 X 3/16 (MCMASTER-CARR #94439A270)	2	HEAT TREAT FINISH		
		B/O	-11	2	SLOTTED RND. HEAD SCREW	STEEL	10/24 X 3/4 (MCMASTER-CARR #90276A245)	1	SPEC		
		B/O	-13	2	WING NUT	STEEL	10-24 (MCMASTER-CARR #90866A011)	1	DRAWN BY: CLOUGH		
			-15	2	TEFLON TAPE	TEFLON PTFE	1 X 2-1/4 (PORT PLASTICS #6093-10) MODIFIED	6	CHECKED: DD 03/10/2017		
		B/O	-17	A/R	ADHESIVE		(LOCTITE #EA 934NA)	N/S	OPPS APPR: AA 03/20/2017		
	ASSY -1								QA APPR: JL 03/29/2017		
									APPROVED: JAG 04/13/2017		
									USED ON MODEL BELL 212		
									SCALE 1:2 DATE 3/8/2017 SHEET 1 OF 5		

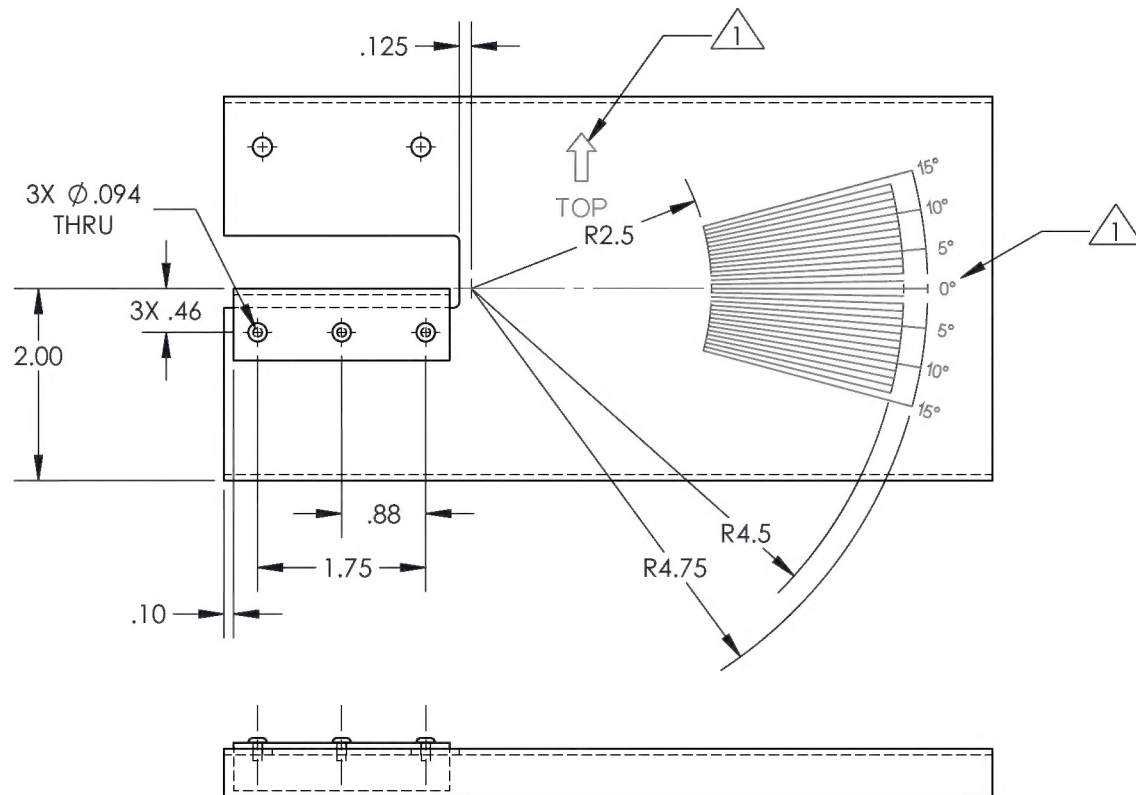
DART
AEROSPACE

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
.XXX ± .005 FRACTIONS ± 1/8
.XX ± .01 ANGLES ±.5°
.X ± .1 SURFACES = 125°

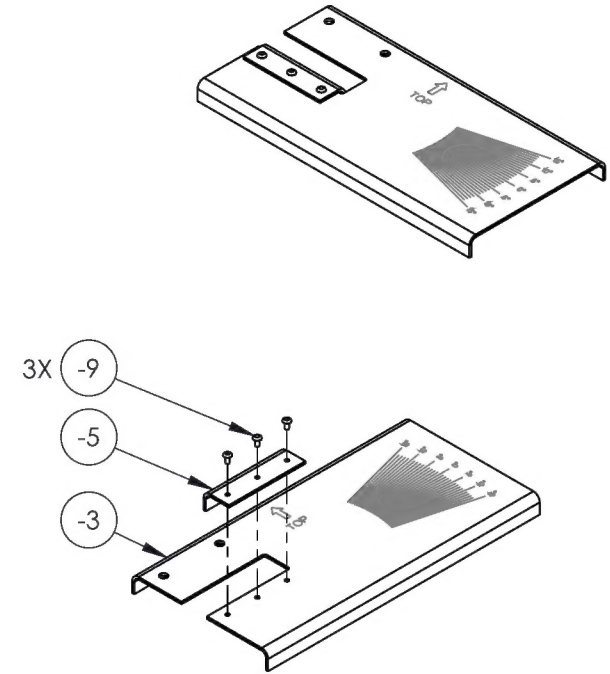
1. BREAK ALL SHARP EDGES
.015 x 45° OR .015R
2. DIMENSIONAL LIMITS APPLY
AFTER PLATING
3. INTERPRET DIM AND TOL PER
ASME Y14.5M-2009

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	17-0067	-1 ADDED ASSY PART & DWG.	4/13/2017	RJC	JAG



(1)
FRAME ASSEMBLY

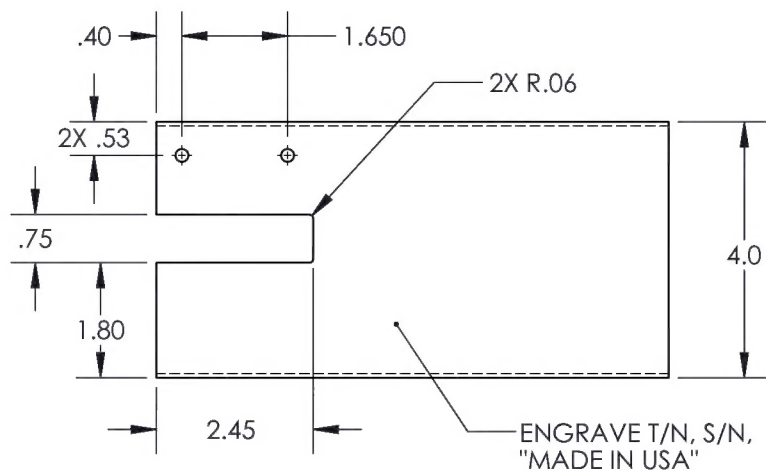
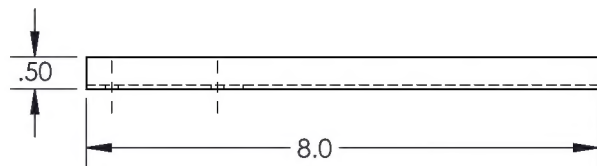
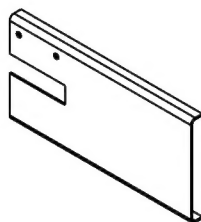


NOTE:
1. MACHINE ENGRAVE DEGREE LINES AND TEXT AS SHOWN.

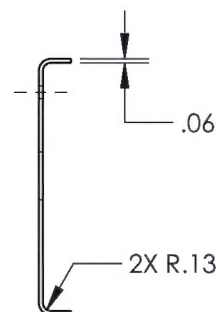
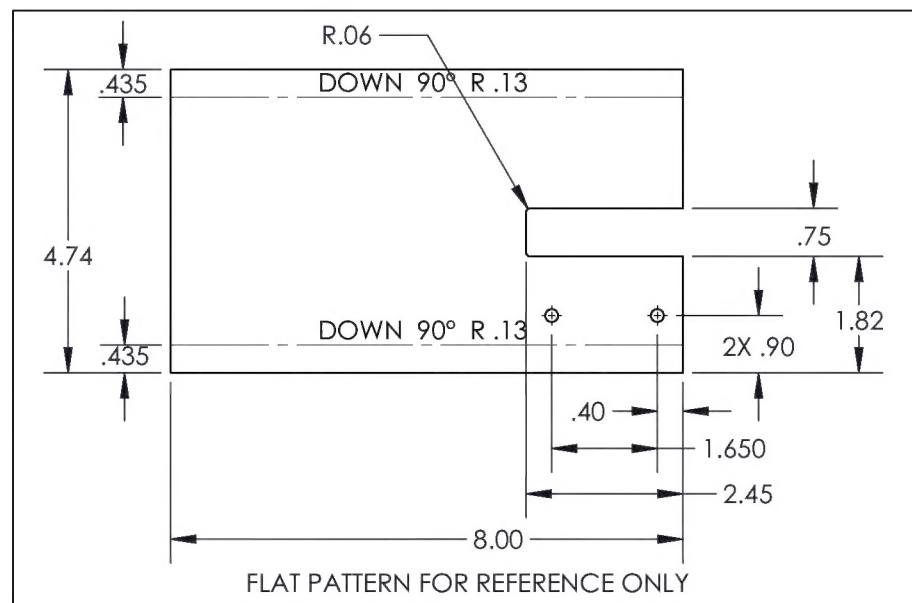
DART AEROSPACE	
TITLE BENDING GAGE - TRIM TAB M/R BLADE	
DWG NO. RB T101598-1	REV 2
MAT'L ALUMINUM	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT TREAT CLEAR ANODIZE	.XXX ± .010 FRACTIONS ± 1/8
FINISH CLEAR ANODIZE	.XX ± .03 ANGLES ± 1°
SPEC MIL-A-8625F, TYPE II, CLASS I	.X ± .1 SURFACES = 125✓
DRAWN BY: CLOUGH	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: DD 03/10/2017	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: AA 03/20/2017	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: JL 03/29/2017	USED ON MODEL BELL 212
APPROVED: JAG 04/13/2017	
SCALE 1:2	DATE 3/7/2017
SHEET 2 OF 5	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	17-0067	-3 CH'D DIM WAS (.063) IS .06. ADDED 2 SLOTS AND DIM'S 2X .40, 2X 1.65, 2X .25, 4X FULL R, 2X .41, 2X .62. ADDED FLAT PATTERN FOR REFERENCE.	4/13/2017	RJC	JAG



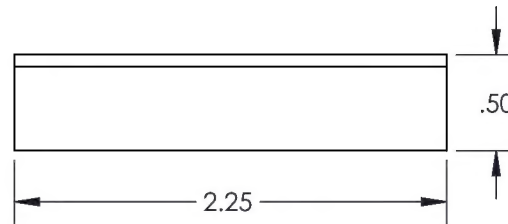
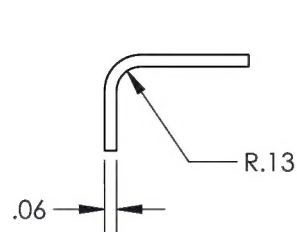
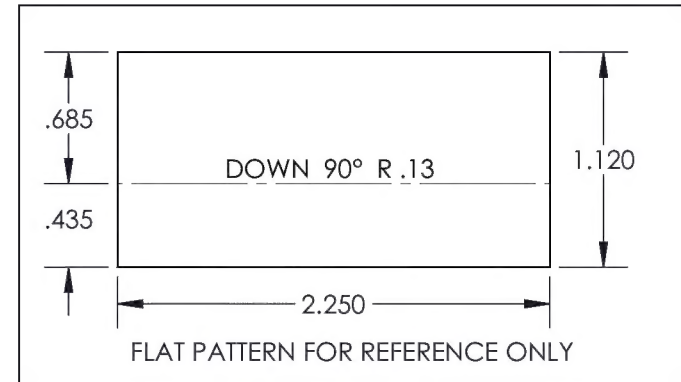
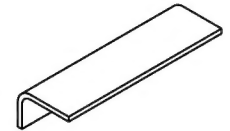
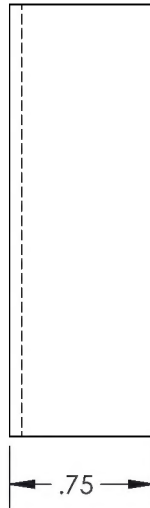
(-3)
FRAME



DART AEROSPACE	
TITLE BENDING GAGE - TRIM TAB M/R BLADE	
DWG NO. RB T101598-3	REV 2
MAT'L 5052	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH SEE -2	.XXX ± .010 FRACTIONS ± 1/8
SPEC	.XX ± .03 ANGLES ± 1°
	.X ± .1 SURFACES = 125° ✓
DRAWN BY: CLOUGH	1. BREAK ALL SHARP EDGES
CHECKED: DD 03/10/2017	.015 x 45° OR .015R
OPPS APPR: AA 03/20/2017	2. DIMENSIONAL LIMITS APPLY
QA APPR: JL 03/29/2017	AFTER PLATING
APPROVED: JAG 04/13/2017	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
SCALE 1:3	DATE 8/26/2013
	SHEET 3 OF 5

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	17-0067	-5 CH'D DIM WAS (.063) IS .06, ADDED FINISH NOTE SEE -2. ADDED FLAT PATTERN FOR REFERENCE.	4/13/2017	RJC	JAG

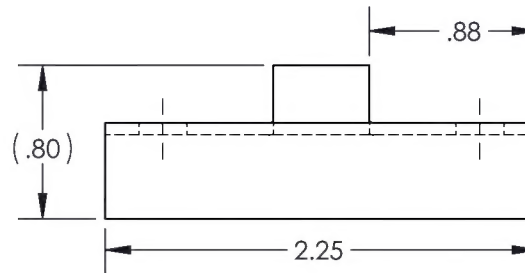
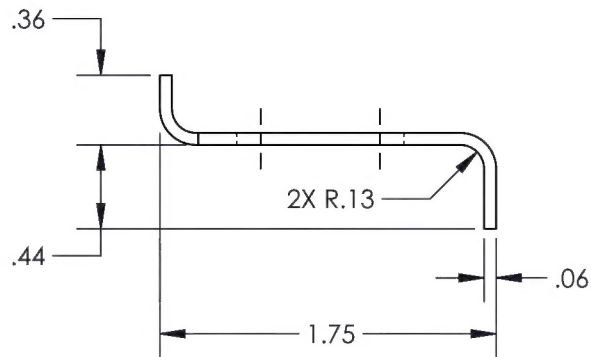
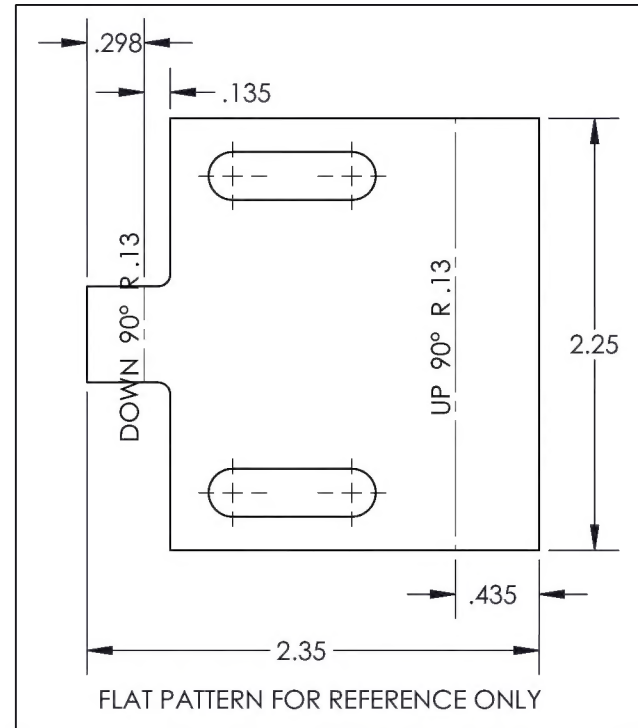
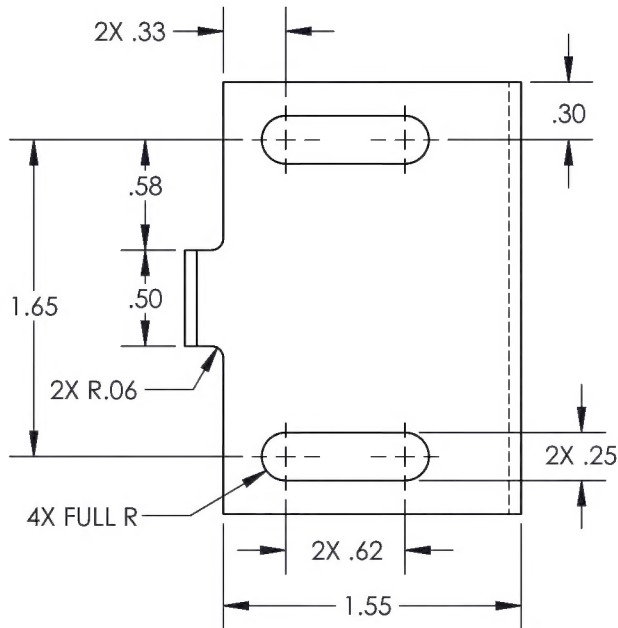
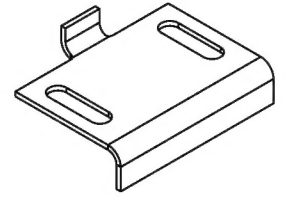


(-5)
ANGLE

DART AEROSPACE	
TITLE BENDING GAGE - TRIM TAB M/R BLADE	
DWG NO. RB T101598-5	REV 2
MAT'L 5052	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH SEE -2	.XXX ± .010 FRACTIONS ± 1/8
SPEC	.XX ± .03 ANGLES ± 1°
	.X ± .1 SURFACES = 125/✓
DRAWN BY: CLOUGH	1. BREAK ALL SHARP EDGES
CHECKED: DD 03/10/2017	.015 x 45° OR .015R
OPPS APPR: AA 03/20/2017	2. DIMENSIONAL LIMITS APPLY
QA APPR: JL 03/29/2017	AFTER PLATING
APPROVED: JAG 04/13/2017	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
SCALE 1:1	DATE 8/26/2013
	SHEET 4 OF 5

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	17-0067	-7 CH'D DIM'S WAS 2X .20 IS 2X.33, WAS 2X .870 IS 2X .62, WAS (.063) IS .06, WAS .875 IS .88, ADDED DIM'S 2X .25, 4X FULL R, ADDED FINISH CLEAR ANODIZE MIL-A-8625F, TYPE II, CLASS I. ADDED FLAT PATTERN FOR REFERENCE.	4/13/2017	RJC	JAG



(-7)
SLIDING ANGLE

DART AEROSPACE	
TITLE BENDING GAGE - TRIM TAB M/R BLADE	
DWG NO. RB T101598-7	REV 2
MAT'L 5052	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH CLEAR ANODIZE	.XXX ± .010 FRACTIONS ± 1/8
SPEC MIL-A-8625F, TYPE II, CLASS I	.XX ± .03 ANGLES ± 1°
DRAWN BY: CLOUGH	.X ± .1 SURFACES = 125°
CHECKED: DD 03/10/2017	1. BREAK ALL SHARP EDGES
OPPS APPR: AA 03/20/2017	.015 x 45° OR .015R
QA APPR: JL 03/29/2017	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
APPROVED: JAG 04/13/2017	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
SCALE 1:1	DATE 8/26/2013
SHEET 5 OF 5	